

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	"20040033425".pn. or "20050072753".pn. or "5055696".pn. or "5113072".pn. or "6751516".pn. or "6943350".pn. or "6677586".pn. or "6387530".pn. or "5229320".pn. or "5683547".pn. or "6261938".pn. or "20010052577".pn. or "20030066749".pn. or "6843927".pn. or "20030000921".pn. or "4226666".pn. or "5849371".pn. or "20010055649".pn.	US-PGPUB; USPAT	OR	ON	2008/06/07 11:49
L2	20	"20040033425".pn. or "20050072753".pn. or "5055696".pn. or "5113072".pn. or "6751516".pn. or "6943350".pn. or "6677586".pn. or "6387530".pn. or "5229320".pn. or "5683547".pn. or "6261938".pn. or "20010052577".pn. or "20030066749".pn. or "6843927".pn. or "20030000921".pn. or "4226666".pn. or "5849371".pn. or "20010055649".pn. or "5267884".pn. or "5145438".pn.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:11
L3	0	L2 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:21
L4	1	L2 and (second adj1 substrate)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:22
L5	1	L2 and (particle adj1 beam adj1 deposition)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:23
L6	11923	(250/309,310,396R,398,423R,492.1,492.2,492.21,492.22,492.3).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:19
L7	3489	(216/2,12,37,58,62,63,66).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:20
L8	1217	(438/584,587).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:20
L9	1081	(427/566,581,596).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:20
L10	285	(118/723EB,723FI).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:21
L11	720	(445/35,49,59).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:21
L12	18517	L6 or L7 or L8 or L9 or L10 or L11	US-PGPUB; USPAT	OR	ON	2008/06/07 12:21
L13	19	L12 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:34
L14	1	L13 and (second adj1 substrate)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:25
L15	18	L13 not L14	US-PGPUB; USPAT	OR	ON	2008/06/07 12:22
L16	0	L15 and (particle adj1 beam adj1 deposition)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:23

## EAST Search History

L17	0	L15 and (electron adj1 beam adj1 deposition)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:23
L18	0	L15 and ((particle or electron) adj1 beam adj1 deposition)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:23
L19	0	L15 and ((particle or electron) adj2 beam adj2 deposition)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:24
L20	52	(first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:31
L21	113	(process\$4 with (particle adj1 beam adj1 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:29
L22	6	L20 and L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:25
L23	1	L22 and (second adj1 substrate)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:25
L24	108	((produc\$4 or manufactur\$4) with (particle adj1 beam adj1 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:33
L25	1	L24 and L20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:30
L26	0	L2 and ((produc\$4 or manufactur\$4) with (particle adj1 beam adj1 system))	US-PGPUB; USPAT	OR	ON	2008/06/07 12:41
L27	6	((produc\$4 or manufactur\$4) with (particle adj1 beam adj1 system)).clm.	US-PGPUB	OR	ON	2008/06/07 12:31
L28	1	L27 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam).clm.	US-PGPUB	OR	ON	2008/06/07 12:31
L29	2204	L12 and ((coat\$4 or deposit\$4 or etch\$4) with ((electron or particle) adj1 beam))	US-PGPUB; USPAT	OR	ON	2008/06/07 12:34

## EAST Search History

L30	8	L29 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:42
L31	3	L30 not L22	US-PGPUB; USPAT	OR	ON	2008/06/07 12:37
L32	0	koops-hans-wilfred.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:39
L33	2	"20060192141".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:40
L34	1	koops-hans-wilfred-peter.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:41
L35	2	"20040033425".pn. or "20050072753".pn.	US-PGPUB; USPAT	OR	ON	2008/06/07 12:40
L36	29	koops-hans-wilfried-peter.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:41
L37	0	L36 and ((produc\$4 or manufactur\$4) with (particle adj1 beam adj1 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:41
L38	0	L36 and ((produc\$4 or manufactur\$4) with (particle adj2 beam adj2 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:42
L39	0	L36 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:42
L40	1	L34 and (first adj1 particle adj1 beam) and (second adj1 particle adj1 beam)	US-PGPUB; USPAT	OR	ON	2008/06/07 12:42

## EAST Search History

L41	1	L34 and ((produc\$4 or manufactur\$4) with (particle adj2 beam adj2 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 12:42
L42	3280	(250/492.22,492.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/07 12:44
L43	1206	(216/2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/07 12:43